

Product datasheet for **RN207469**

Sec14I5 (NM_001135710) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec14I5 (NM_001135710) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec14I5
Synonyms:	RGD1564638
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207469 representing NM_001135710
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGCAGAAATACCAGTCTCCTGTCCGGGTATACAAGTATCCATTCGAGCTGGTCATGGCGCCCTACG
 AGAAGCGCTTCCCACCTGTCCACTTATCCCAGCTTTCTGGGTAGTGAAGTCTGAGCGAGTGTGGAAG
 CGCAGATGGGGCAGTGCACACCGTAGAGCGGAGCTGCAGGCTGCGAGTGGATGCCCCACGGCTGCTGCGG
 AAGATCGCTGGTGTGGAGCACGTGGTCTTCATTACAGAAAATGTCCTGAACTGGAGAGAGAGAACGCTGC
 TTATAGATGCTCACAATGAGACGTTTGGCAGCCGAGTGCAGGTGAAGGAACACTGCCCTACACGGTCCA
 TCCCGAGAATGAAGACTGGACTTGTCTTGAACAGTCCGCCTCTCTGGATGTCGGCTCTTTCTTTGGCTTT
 GAGAGCACCTGGAGAAGATCGCCATGAAGCAGTACACTGCCAATGTCAAGAGGGGGAAGGAGGTGATTG
 AACACTATCTGAGCGAGCTCATTTCCAGGGGGCATCCCACATCCCCGCTGGACACCAGCCCCAGTCCG
 GGAGGCGGATGTCGCAGCCAGCTTGTGTGCCGTGCCCTAGCTCCCTGGAGACCGATGGCCCCAGTGAT
 GCCCCAGCCCCTGCTTCTGAGATGGCTACGGCTGATGGGGACAAGTTGGATGCAGACTACATTGAGAGGT
 GCCTGGGCCATCTCAGTCCCATGCAGGAGAGTTGCCTGGTCCAGCTTCGGCGCTGGTTACAGGAGACCCA
 CAAAGGCAAGATCCCAAAGATGAGCACATCCTGCGCTTCTTGAGGGCTCGCGACTTCCACTGGACAAG
 GCCCGGATATGTTGTGCCAGTCTTGAGCTGGCGGAAGCAGCACCAGGTGGATCTCCTTCTGCAGACCT
 GGCGGCCCCCCCGCCGCTGCAGGAGTTCTATGCTGGAGGTTGGCACTACCAGGATATAGATGGCCGCC
 CCTCTACATCTCGCTCTGGACAGATGGACACAAAGGCCTGATGAAGGCAGTGGGAGAGGAAGCTTTG
 CTGCAGCATGTTCTTTCTGTCAACGAGGAAGGACAGAAGAGATGCGAAGGAAACACGAGACAATTTGGCC
 GTCCCATCAGCTCCTGGACCTGCTTGTGGACCTAGAGGGCCTCAACATGAGGCATCTATGGCGACCTGG
 GGTGAAAGCCCTGCTGAGGATGATCGAGGTGGTGGAGGACAATTACCCCGAGACTCTGGCAGGTTGCTC
 ATCGTGCCTGCGCCCCGTGCTTCCCGGTGCTGTGGACGCTGGTCAGCCCCTTCAACAGAGAACACCA
 GGCGGAAGTTCCTCATCTACAGTGGCAGCAATTATCAGGGCCCTGGCGCCTAGTGGACTATCTGAACAA
 GGACGTGATCCCCGACTTCTGGGAGGAGAGCGTGTGTAACTTCCAGAAGGAGGGATGGTCCCCAAG
 TCCCTCTATCTGACAGAGGAGGAGCAGGAGCAGGCTGATCAGCTACGGCAGTGGAGTGGACCTACCATT
 CAGCCAGCGTCTCGTGAAGCCCCATGAGGTTGCCATGGAGATACCAGAAGGGGAGTCACTCATCAC
 CTGGGACTTTGATATCCTCAGAGGGGATGTGGTGTTCAGTCTGTATCATGCAAAACAGCCACCCAAGCTC
 AGTCCCCAGGAGCTGGGGTTAGAGCCAGTGGACAGCTGATCGACAAGAAGTGGATCCTGGGGTGGATT
 ATAGCCGAGTAGAGGCACCCCTTATCTGCCGGGAAGGGCAGAGCATTACGGGTTCCCATGTTACTCAGTG
 GCCTGGCGTCTACCTGCTCCAGTGGCAGATTACAGTCCCCCGAGAGTGTGGCCTGCAGTCTCCCGGGT
 GTGGATGACGTCCTGACAGCTCTGCACAGCCCTGGCCCCAAGTGAAGCTGCTATACTACTGTGAAGTGC
 TAGCATCTGAAGACTTACGGGGCTCCATGTCCAGCCTGGAATCCTGTGCCAGCCGCTTCTCTCAGCTCAG
 GCACCACCACCTCCTCCTCTGCGCAGTCCCACAGTGGCTCGATGGTGTCCAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001135710
- Insert Size:** 2091 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001135710.1](#), [NP_001129182.1](#)

RefSeq Size: 2233 bp

RefSeq ORF: 2091 bp

Locus ID: 287060

Cytogenetics: 10q12